

Set Name Query

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DB USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR YES; OP OR

<u>L13</u>	L12 and (fatty adj acid)	26	<u>L13</u>
<u>L12</u>	L11	30	<u>L12</u>
<u>L11</u>	L10 and emulsion	30	<u>L11</u>
<u>L10</u>	L9 and aqueous	32	<u>L10</u>
<u>L9</u>	L8 and water	33	<u>L9</u>
<u>L8</u>	L7 and ((nonionic adj surfactant) or (anionic adj surfactant))	33	<u>L8</u>
<u>L7</u>	L6 and ((chain adj transfer adj agent) or (dodecyl adj mercaptan) or (mercaptoacetic adj acid) or (mercaptopropionic adj acid))	92	<u>L7</u>
<u>L6</u>	L5 and ((low adj molecular adj weight) or (average adj molecular adj weight))	313	<u>L6</u>
<u>L5</u>	L4 and ((fatty adj acid) or (tallow adj acid) or (stearic adj acid) or (lauric adj acid))	388	<u>L5</u>
<u>L4</u>	L3 and (initiator or (free adj radical adj initiator) or (redox adj initiator) or (benzoyl adj peroxide))	885	<u>L4</u>
<u>L3</u>	L2 and ((polymerizable adj vinyl adj monomer) or (polymerizable vinylic adj monomer) or (vinylic adj monomer) or (styrene adj monomer) or (alkyl adj acrylate) or (acrylic adj acid))	2196	<u>L3</u>
<u>L2</u>	(water-dispersible adj resin) or (water adj dispersible adj polymer) or (styrene adj acrylic adj resin) or (water adj dispersible adj copolymer) or (styrene adj acrylic adj acid adj polymer)	5124	<u>L2</u>
<u>L1</u>	(water-dispersible adj resin) or (water dj dispersible adj polymer) or (styrene adj acrylic adj resin) or (water adj dispersible adj copolymer) or (styrene adj acrylic adj acid adj polymer)	2800857	<u>L1</u>

END OF SEARCH HISTORY

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3. Document ID: US 20020175983 A1

L13: Entry 3 of 26

File: PGPB

Nov 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020175983
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020175983 A1

TITLE: Ink composition for inkjet recording

PUBLICATION-DATE: November 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ishikawa, Shunichi	Kanagawa		JP	
Yamazaki, Takayasu	Kanagawa		JP	
Nero, Masaki	Kanagawa		JP	
Yabuki, Yoshiharu	Kanagawa		JP	

US-CL-CURRENT: 347/100

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

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4. Document ID: US 6518334 B1

L13: Entry 4 of 26

File: USPT

Feb 11, 2003

US-PAT-NO: 6518334
DOCUMENT-IDENTIFIER: US 6518334 B1

TITLE: Preparation and use of dispersions of blended polycarboxypolyamide resins and alkali dispersible resins and compositions thereof

DATE-ISSUED: February 11, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Calhoun, Glenn C.	Racine	WI		
Sarkis, Michael T.	Racine	WI		

US-CL-CURRENT: 524/47, 524/104, 524/140, 524/276, 524/271, 524/272, 524/276, 524/277,
524/284, 524/293, 524/296, 524/297, 524/317, 524/363, 524/377, 524/457, 524/468,
524/478, 524/497, 524/514, 524/533, 524/577, 524/593, 524/614, 524/617,
525/183, 525/184

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

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5. Document ID: US 6120217 B1

DOCUMENT IDENTIFIER: US 6120217 B1

TITLE: Resin-fatty acid vinyllic emulsion compositions

DATE-ISSUED: August 6, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Snah; Rajnikant	Mt. Pleasant	SC		
Sisson; Warunee S.	Daniel Island	SC		
Sisson; Thomas M.	Daniel Island	SC		

US-CL-CURRENT: 524/270; 524/272, 524/300, 524/457, 524/458, 524/460, 524/764, 524/799

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

6. Document ID: US 6407158 B1

List Entry 6 of 26

File: USPT

Jun 18, 2002

US-PAT-NO: 6407158

DOCUMENT-IDENTIFIER US 6407158 B1

TITLE: Water-soluble or water-dispersible polymeric salts

DATE-ISSUED: June 18, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kim; Son Nguyen	Hemshbach			DE
Sanner; Axel	Frankenthal			DE
Hassel; Peter	Schifferstadt			DE

US-CL-CURRENT: 524/539; 424/70.1, 424/70.11, 424/70.12, 424/70.122, 424/70.16,
424/70.17, 424/70.19, 424/70.21, 424/70.22, 424/70.27, 524/588, 524/590, 524/591,
524/839, 524/840, 525/100, 525/101, 525/102, 525/123, 525/178, 525/179, 525/218,
525/28, 525/29

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

7. Document ID: US 6329461 B1

List Entry 7 of 26

File: USPT

Jun 11, 2002

US-PAT-NO: 6329461

DOCUMENT-IDENTIFIER: US 6329461 B1

TITLE: Silicone containing aqueous coating composition and method of producing same

DATE-ISSUED: Jun 11, 2002

NAME	CITY	STATE	ZIP CODE	COUNTRY
Akiyama; Mamoru	Ibaraki			JP
Ogawa; Teruhiko	Ibaraki			JP
Kitagawa; Akio	Ibaraki			JP
Kyogoku; Masayuki	Ibaraki			JP

US-CL-CURRENT: 524/730; 524/806, 524/811, 524/832, 524/833, 524/836

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

8. Document ID: US 6287701 B1

L13: Entry 8 of 26

File: USPT

Sep 11, 2001

US-PAT-NO: 6287701

DOCUMENT-IDENTIFIER: US 6287701 B1

TITLE: Resin compositions, processes for their production and their uses

DATE-ISSUED: September 11, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Oochi; Ikurou	Osaka			JP
Miki; Daisuke	Osaka			JP
Tanaka; Seichirou	Fukuoka			JP
Sawai; Takeshi	Fukuoka			JP

US-CL-CURRENT: 428/447; 427/387, 524/588, 525/474, 525/476, 528/41

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

9. Document ID: US 6248494 B1

L13: Entry 9 of 26

File: USPT

Jun 19, 2001

US-PAT-NO: 6248494

DOCUMENT-IDENTIFIER: US 6248494 B1

TITLE: Tool for developing an electrostatic image and a projection mask, and an image forming method

DATE-ISSUED: June 19, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY

US-CL-CURRENT 430/110.3; 430/108.6, 430/108.7, 430/125

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

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10. Document ID: US 6226488 B1

L13: Entry 10 of 26

File: USPT

May 1, 2001

US-PAT NO: 6226488

DOCUMENT-IDENTIFIER: US 6226488 B1

** See image for Certificate of Correction **

TITLE: Fixing apparatus for controlling distance between heating means and guide member

DATE-ISSUED: May 1, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Maeyama; Ryuichiro	Yokohama			JP

US-CL-CURRENT: 399/322; 399/329, 399/400

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWC

11. Document ID: US 6200640 B1

L13: Entry 11 of 26

File: USPT

Mar 13, 2001

US-PAT NO: 6200640

DOCUMENT-IDENTIFIER: US 6200640 B1

TITLE: Polymer composition and process for treating leather and fur skins

DATE-ISSUED: March 13, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ernst; Michael	Ludwigshafen			DE
Fistenecker; Axel	Ludwigshafen			DE
Danisch; Peter	Ludwigshafen			DE
Wolf; Gerhard	Potsdam			DE

US-CL-CURRENT: 427/399; 252/8.57, 428/433, 524/549, 524/555, 524/556, 525/327.9, 526/318.5, 8/94.1R, 8/94.11, 8/94.21, 8/94.26, 8/94.33

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWC

12. Document ID: US 6200640 B1

L13: Entry 11 of 26

File: USPT

Mar 13, 2001

US-PAT-NO: 6190820
DOCUMENT-IDENTIFIER: US 6190820 B1

TITLE: Toner processes

DATE-ISSUED: February 20, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Patel; Raj D.	Oakville			CA
Hopper; Michael A.	Toronto			CA
Mychajlowski; Walter	Mississauga			CA

US-CL-CURRENT: 430/137.17

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

13. Document ID: US 6001922 A

L13: Entry 13 of 26

File: USPT

Dec 14, 1999

US-PAT-NO: 6001922
DOCUMENT-IDENTIFIER: US 6001922 A

TITLE: Small particle size polyester/acrylic hybrid latexes

DATE-ISSUED: December 14, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Clark; Mark Dwight	Kingsport	TN		
Ehan; Hieu Duy	Kingsport	TN		
Salisbury; James Russell	Kingsport	TN		
Shields; Glen Dennis	Kingsport	TN		

US-CL-CURRENT: 524/513; 524/457, 524/502, 524/507, 524/510, 524/514, 524/515, 524/523, 524/555

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

14. Document ID: US 5851713 A

L13: Entry 14 of 26

File: USPT

Dec 22, 1998

US-PAT-NO: 5851713
DOCUMENT-IDENTIFIER: US 5851713 A

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hayashi; Kenji	Hino			JP
Koyama; Mikio	Hino			JP
Kikuchi; Tomoe	Hino			JP
Yamazaki; Hiroshi	Hachioji			JP
Hirose; Naohiro	Hino			JP
Suzuki; Shinichi	Hino			JP
Iwamoto; Tsutomu	Hino			JP
Nishimori; Yoshiki	Hino			JP

US-CL-CURRENT: 430/109.3; 430/111.4; 430/903

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

15. Document ID: US 5783626 A

L13: Entry 15 of 20

File: USPT

Jul 21, 1998

US-PAT-NO: 5783626

DOCUMENT-IDENTIFIER: US 5783626 A

TITLE: Waterborne polymers with pendant crosslinkable groups

DATE-ISSUED: July 21, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Taylor, James Wayne	Kingsport	TN	37660	
Collins; Martha Jean	Blountville	TN	37617	

US-CL-CURRENT: 524/555; 524/533, 525/153, 525/154, 525/293, 525/300, 525/303,
525/329.9, 526/312, 526/316

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

16. Document ID: US 5747213 A

L13: Entry 16 of 18

File: USPT

May 5, 1998

US-PAT-NO: 5747213

DOCUMENT-IDENTIFIER: US 5747213 A

** See image for Certificate of Correction **

TITLE: Image forming method and heat fixing method using a toner including a wax

DATE-ISSUED: May 5, 1998

US-CL-CURRENT: 430/124, 430/108.4, 430/108.8, 430/109.3, 430/111.4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

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17. Document ID: US 5576393 A

L13: Entry 17 of 26

File: USPT

Nov 19, 1996

US-PAT-NO: 5576393

DOCUMENT-IDENTIFIER: US 5576393 A

TITLE: Polymer particles, method of producing the same, and toner for use in electrophotography comprising the polymer particles

DATE-ISSUED: November 19, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yamashita, Hiroshi	Numazu			JP
Kawase, Hiromitsu	Mishima			JP
Shiraishi, Keiko	Susono			JP

US-CL-CURRENT: 525/293, 430/109.3, 430/137.14, 525/256, 525/258, 525/285, 525/287, 525/291, 525/295, 525/301, 525/305, 525/309, 525/312

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

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18. Document ID: US 5541031 A

L13: Entry 18 of 26

File: USPT

Jul 30, 1996

US-PAT-NO: 5541031

DOCUMENT-IDENTIFIER: US 5541031 A

TITLE: Polymer particles and toner for electrophotography using the polymer particles

DATE-ISSUED: July 30, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yamashita, Hiroshi	Numazu			JP
Kawase, Hiromitsu	Mishima			JP
Shiraishi, Keiko	Susono			JP

US-CL-CURRENT: 430/124, 425/402, 430/110.3, 430/111.4, 430/137.14, 524/274, 525/284

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

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19. Document ID: US 5193751 A

L13: Entry 19 of 26

File: USPT

Mar 16, 1993

US-PAT-NO: 5193751

DOCUMENT-IDENTIFIER: US 5193751 A

TITLE: Coloring fine particles and toner for developing electrostatic images using the same

DATE-ISSUED: March 16, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mori; Yoshikuni	Takatsuki			JP
Ikeda; Hayato	Takatsuki			JP
Kushino; Mitsuo	Minoo			JP
Urashima; Nobuaki	Takatsuki			JP
Uehara; Keiichi	Suita			JP
Izubayashi; Masuji	Nishinomiya			JP
Sano; Yoshinori	Kobe			JP

US-CL-CURRENT: 241/3; 241/101.4, 241/23

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

20. Document ID: US 5081166 A

L13: Entry 20 of 26

File: USPT

Jan 14, 1992

US-PAT-NO: 5081166

DOCUMENT-IDENTIFIER: US 5081166 A

** See image for Certificate of Correction **

TITLE: Process for producing a stabilized latex emulsion adhesive

DATE-ISSUED: January 14, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kiehlbauch; Richard A.	Racine	WI		
Tolk; Vince M.	Highland Park	IL		
Morgan; Lee W.	Racine	WI		
Esser; Richard J.	Nieuwkoop			NL
Jensen; Dennis P.	Racine	WI		

US-CL-CURRENT: 523/231; 428/137, 525/308

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
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21. Document ID: US 5080092 A

L13: Entry 21 of 26

File: USPT

Jan 14, 1992

US-PAT-NO: 5080992

DOCUMENT-IDENTIFIER: US 5080992 A

TITLE: Coloring fine particle and toner for developing electrostatic images using the same

DATE-ISSUED: January 14, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mori; Yoshikuni	Takatsuki			JP
Ikeda; Hayato	Takatsuki			JP
Fushino; Mitsuo	Minoo			JP
Urashima; Nobuaki	Takatsuki			JP
Uehara; Keiichi	Suita			JP
Ikubayashi; Masuji	Nishinomiya			JP
Sano; Yoshinori	Kobe			JP

US-CL-CURRENT: 430/110.1; 430/110.4, 430/111.4, 430/137.14

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

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22. Document ID: US 4894397 A

L13: Entry 22 of 26

File: USPT

Jan 16, 1990

US-PAT-NO: 4894397

DOCUMENT-IDENTIFIER: US 4894397 A

**** See image for Certificate of Correction ****TITLE: Stable emulsion polymers and methods of preparing same

DATE-ISSUED: January 16, 1990

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Morgan; Lee W.	Racine	WI		
Esser; Richard J.	Nieuwkoop	WI		
Jensen; Dennis F.	Burlington	WI		

US-CL-CURRENT: 523 3 1; 402 147, 525 309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

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DOCUMENT IDENTIFIER: US 4894397 A

**** See image for Certificate of Correction ****

TITLE: Water-dispersible hydrophobic thickening agent

DATE-ISSUED: February 21, 1984

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Evani; Syamalarac	Midland	MI		

US-CL-CURRENT: 507/121; 166/275, 507/118, 507/119, 507/120, 507/122, 507/123, 507/125,
507/134, 507/225, 507/261, 507/926, 507/936, 516/102, 516/104, 516/108, 516/109,
524/375, 524/401, 524/423, 524/436, 524/555

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWC
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24. Document ID: US 4371669 A

L13: Entry 24 of 26

File: USPT

Feb 1, 1983

US-PAT-NO: 4371669

DOCUMENT-IDENTIFIER: US 4371669 A

TITLE: Polymers having improved water resistance and monomers for same

DATE-ISSUED: February 1, 1983

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mylonakis; Stamatis G.	Barrington	IL		
Tortorello; Anthony J.	Elmhurst	IL		

US-CL-CURRENT: 526/311; 524/555, 524/558, 525/378, 525/379, 525/380, 526/304, 526/310,
526/313, 526/316

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWC
Draw Desc	Image									

25. Document ID: US 4299979 A

L13: Entry 25 of 26

File: USPT

Nov 10, 1981

US-PAT NO: 4299979

DOCUMENT-IDENTIFIER: US 4299979 A

TITLE: Polymerizable monoethylene carboxylic acids which decarboxylate on heating

DATE-ISSUED: November 10, 1981

INVENTOR-INFORMATION:

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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26. Document ID: US 4275229 A

L13: Entry 26 of 26

File: USPT

Jun 23, 1981

US-PAT-NO: 4275229

DOCUMENT-IDENTIFIER: US 4275229 A

TITLE: Polymers having improved water resistance and monomers for same

DATE-ISSUED: June 23, 1981

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mylonakis; Stamatis G.	Barrington	IL		
Tortorello; Anthony J.	Elmhurst	IL		

US-CL-CURRENT: 562/459; 526/316, 526/318, 526/318.1, 554/108, 554/109, 554/116, 560/81,
562/450, 562/479, 562/489, 562/567, 562/595

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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L12 and (fatty adj acid)	26

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